**Automobile Industry Timeline**

**1877- Future**

**Outline**

**Grades: High School**

1. **Benchmarks**

P1.1 - Use close and critical reading strategies to read and analyze complex texts pertaining to social science; attend to nuance, make connections to prior knowledge, draw inferences, and determine main idea and supporting details.

6.2.3 – Industrialization – Analyze the origins, characteristics and consequences of industrialization across the world by:

* Comparing and contrasting the process an impact of industrialization in Russia, Japan, and one of the following: Britain, Germany, United States, or France.
* Describing the social and economic impacts of industrialization, particularly its effect on women and children, and the rise of labor movements.
* Describing the environmental impacts of industrialization and urbanization**.**

1. **Prior Knowledge**
2. What historical events happened during the automobile industry? What were the transportations that America had before the automobiles? And how did the cars evolve over years? How did it start off? Classes will a trivia game. Ex: the Olds mobiles vs. Fords.
3. **Web quest Activity**

**Pioneers of the Automobile Industry**

* 1. Origins of the automobile and auto industry are unknown.
  2. Discuss automotive pioneers before Ford.
  3. Charles Brady King (an automotive pioneer) was probably the first person to operate a gasoline car in Michigan. (1896)
  4. Charles Duryea drove the first car in America in Springfield, Massachusetts. (1896)
  5. Henry Ford produces his first car behind his home on Bagley Ave. (1892)
  6. Successful pioneers decided to make cars in Southeastern, Michigan.
  7. Ransom Olds succeeded in producing any significant numbers of cars. (1896-1901). He had good engines. Olds was the first one in Michigan to put inexpensive cars on the market. (Microeconomics) Before Ford, Olds became the most famous automobile manufacturer of all times.
  8. The Henry Ford Automobile Co. is organized. (1901) The Olds Plant burned down in Detroit and relocated to Lansing.
  9. Henry Ford Co. founded in 1903.

1. **America is the Land of Opportunity 1860-1900**
2. Show a map to the class (the big class map)
3. On the board, I will write the following questions. The students will answer the questions on a sheet of paper. We will give out the answers in several minutes:

* Why many people relocated to Detroit? Why was it a magnet?
* What were the causes and consequences of African-Americans and immigrants working in the auto-plants?
* Ask the class why Immigrants and Arabs were given jobs before African-Americans.
* Why did mostly African-Americans continued to live poorly compared to their white and Arab counterparts during and after the auto industry had left?

1. Show on the map that immigrants had flourished to the New World between 1860-1900. (Gangs of New York) 1899-1900 at its peak.
2. Arab-Americans came to America in 1870s. Many worked in the automobile industry.
3. The Great Migration of African-Americans flourished. (1923)
4. **We will discuss the push and pull factors of immigration and migration as the answers to the questions.**
5. We will discuss the opportunity cost of African-Americans living in the South vs. North.
6. Discussions may include how the impact of demographics (population) technological, environmental and the economy changes people, their culture and environment. The peak of immigration increased in 1899-1900. Detroit’s population was 285,704 to 2,420,982. (1900). Detroit has 44 millionaires in 1902. Ford became one of the World’s Top Millionaires.
7. The U.S Census Bureau placed Michigan first in the manufacture of automobiles in 1912.
8. The American Dream – Detroiters enjoyed a high % paying automotive jobs that would allow them to own homes than other residents in American cities. Detroiters could buy bungalows, ranch homes, mansions through the 20th century.
9. **Technology/Labor Unions and the Automobile Industry 1860-early 1900s**
10. Machines began to replaced human/animal labor 1860-early 1900s
11. Briefly talk about other Labor Unions in America, Knights of Labor (1869) (optional)
12. Knights of Labor became American Federation of Labor (1881) AFL (optional)
13. Henry Ford introduces the assembly line (1913). HF installs the moving assembly line to make jobs easier. The Model T dropped from 12.5 hours to 93 minutes Ford produced 50% of the new American car and 40% of world automobile production. HF was a multi-millionaire with a global reputation. **(Note: The Model T (1908) became one of the new Gross Domestic Products (GDP) in America (Macroeconomics). Ford’s famous Model T got America on wheels it was affordable. Car making was no longer for the rich. The cheaper the product, the more it is able to sell. Supply/demand (Microeconomics). The economy boomed. A slide could be shown of a supply and demand for the Model T. (the business cycle was at its peak). Ford in famously known. 1908, there is a deflation of the car sells. Previously, there was inflation in car prices.**
14. **Arsenal Democracy/World I and World II (1914-1945)**
    1. In WW2, manufacturing of cars stopped because of the war and many workers were drafted. Manufacturing was toward making military equipment.
    2. **The Great Depression**- (Macroeconomics) the American economy crashed down on the business cycle.
    3. Black men and women/women in general replaced the drafted soldiers. After WW2, many soldiers returned to their old jobs.
    4. During the Great Depression- the United Auto Workers (UAW) were founded.
    5. Few employers of the industry hired black workers in large numbers. Blacks had heavy manual labor in poor working conditions. However, many Black people entered into the American middle class.
    6. African-American employment increased during WW2.
15. **Show a video**
16. **The Post War, United States (1945 and 50s)**
    1. The UAW continued to grow and expand its influence.
    2. The Automobile Industry boomed (again) after World War II
    3. Automobile designs increased
    4. Henry Ford dies of cerebral hemorrhage at the age of 83 (1947)
    5. Berry Gordy who worked in Ford Motor Company started his own music business known as Motown (Motor Town). (1959)
    6. Hawaii became the 50th state to be admitted to the union. (1959)
17. **The Civil Rights Movements**
18. The National Auto Show, for the first time is held in Detroit. (1960)
19. Walter Reuther (UAW) United Auto Workers financed the Civil Rights Movement. (1963)
20. Ford introduces the Mustang (1964).
21. The National Civil Rights Movement gained momentum in 50s and 60s. Black people were moving up the ranks of being executives, managers, designers, engineers etc.
22. The UAW was one of the most powerful unions in America, with a membership of 1.6 million. The UAW successfully bargained for pensions, health care and other benefits.
23. Feminist movement began bet. 60s and 70s it also opened up jobs that were previously denied to women in the industry.
24. **The 70s & 80s- Global Economy**
25. In Recession, the auto industry suffers cutbacks because of an energy crisis. Oil prices have increased in the past year. (1974)
26. Bankruptcy occurred.
27. Henry Ford II fires Ford Motor Co. President Lee Iacocca, who later goes to Chrysler Corp. (1978)
28. The auto industry faced competition from the Germans and Japanese.
29. **The 80s**
    1. General Motors announces the formation of Saturn Corp.
    2. The advancement of technology began to increase with robotics, computers, high skilled workers etc.
30. **The 90s – The War In Iraq (Oil)**
31. Immigrants from the Middle East began to settle in Hamtramck for jobs at the GM Auto plants.
32. Chrysler Corp. builds the Jefferson North assembly plant. War on Iraq starts. (1991).
33. Daimler-Benz merges with Chrysler Corp. to form Daimler Chrysler A.G.
34. Autoworkers go on strike against General Motors Corp. in Flint for 54 days. (1998)
35. William Clay Ford Jr. becomes chairman of Ford Motor Co. (1999)
36. **21st century**
37. 9/11 Tragedy caused less production of 2002 cars/Auto Show was not successful due to the tragedy. (2002)
38. The Big Bailout/ The Big 3 Bankruptcy-GM, Chrysler, and Ford (2008)
39. New cars-Electric Cars/Hybrid is being manufactured
40. Detroit-New GM Headquarters (Renaissance Center) and China
41. The Woodward Dream Cruise (Birmingham Auto Show of Old Classic Automobiles)
42. **Current Events** – GM gave their employers a $5,000 bonus on their checks.
43. Ford Motor Company is recruiting people whose major is in Economics, Accounting, Engineering, Math, Statistics and/or Finance. Students have to be close to graduation in order to participate in the paid internship. (2011)
44. Eminem super bowl commercial on the new Chrysler 200 imported from Detroit. (2011)

**The Future**

* 1. **Note\* GM, Chrysler and Ford is working with graduates from Wayne State University, and other colleges and universities in the State of Michigan in making the new electric cars (Hybrid) (Detroit’s Sundays Newspaper, 2/6/11)**

**Detroit is known as the Motor City. The Motor City competes in a global market. It builds; sell cars and trucks in over 100 nations and businesses. Detroit connects with nation, businesses and people around the world. The Big 3 in the World Detroit’s Auto Industry began making cars in foreign land in 1904. Henry Ford opened a factory in Canada. This happened one year after starting the Ford Motor Co. in Detroit. Ford had an assembly line car in England in 1911. The Big 3 has assembly lines and plants around the world.**

**Field Trips**

1. **The Detroit Historical Museum-**[**http://www.detroithistorical.org**](http://www.detroithistorical.org)
2. **The Henry Ford Museum-**[**http://www.thehenryford.org**](http://www.thehenryford.org)
3. **The Detroit Institute of Arts-**[**http://www.dia.org/art**](http://www.dia.org/art)
4. **The Charles H. Wright Museum-**[**http://www.chwmuseum.org**](http://www.chwmuseum.org)

**Books/Resources**

1. **The Voices of the People of the United States by Howard Zinn**
2. **12 Million Black Voices by Richard Wright**
3. **Detroit at 300….Then and Now Magazine (Detroit’s Timeline)**
4. **The Detroit’s Newspaper (2/6/11)**
5. **American History (Textbook) by Avery Craven and Walter Johnson. 1961**
6. **Fritzer and Brewer pgs. 39-51**
7. **Images of America: Labor in Detroit/Working in the Motor City by Mike Smith and Thomas Featherstone**
8. **Images of America: Detroit/The Black Bottom Community by Jeremy Williams.**
9. **Quiz #4**

**Movies**

1. **The Gangs of New York (2002) starring Leonardo DiCaprio)**
2. **Native Son by Richard Wright by Oprah Winfrey**

**OUR ANSWERS TO THE CLASS QUESTIONS ON CAUSES AND CONSEQUENCES**

**Immigrants and African-Americans**

**Working in**

**The**

**Automobile Industry**

**Causes Consequences**

Land of Opportunity racism/prejudice

Promises of a better life AA operated the most dangerous jobs

Better jobs AA did not earn as much as the immigrants

Better education The Great Depression

More income Immigrants and AA were treated as second class citizens

Before AA, jobs were **FIRST** given to whites and Arabs

Arabs did the dirtiest jobs before AA became employed

**The Automobile Industry**

**1877-Present**

**QUIZ #4**

**Multiple Choices**

1. What car got *America on Wheels*?
   1. Oldsmobile
   2. Model A
   3. **Model T**
2. Who drove the first car in America?
   1. Ransom Olds
   2. Henry Ford
   3. **Charles Duryea**
3. Who drove the first car in Michigan (Detroit)?
4. Henry Ford
5. Charles Brady King
6. Ransom Olds
7. Who invented the lubricating cup?
8. Walter Reuther
9. Henry Ford
10. **Elijah McCoy**
11. Who invented the traffic light signal?
12. Graham Bell
13. Thomas Edison
14. **Garrett Morgan**

**Circle the correct answer**

1. During the Great Depression, the manufacturing of the automobiles continued to increase.

True or **False**

1. Immigrants had the most dangerous jobs in the automobile industry.

True of **False**

1. The rise of the automobile industry and Michigan’s assumption of leadership in the industry is clearly one of the most important developments in American.

**True** or False

1. Ford had auto plants in Dearborn, Highland Park and Grosse Pointe.

True or **False**

1. Henry Ford was not only an entrepreneur but the author of a controversial book entitled, *The International Jew*.

**True** or False